

ALOHA

Hawaii Environmental Forum (HEF)

July 15th, 2014

Department of Defense &
Hawaii Department of Health
(Environmental Health Administration)



Environmental Health Administration (EHA)

State Laboratories Division (EHAS, MMB, LERP)

Environmental Health Services Division (SAN, I&RHB)

HEER, ERO, EPO, CAO & EIM

Environmental Management Division (CAB, SHWB, CWB, SDWB, & WWB)



EHA organizational chart

HAWAII DEPARTMENT OF HEALTH, ENVIRONMENTAL HEALTH ADMINISTRATION		
GARY GILL (PHONE 586-4424)		
Environmental Health Services Division <i>Lynn Nakasone (phone 586-4576)</i>	---- ----	Environmental Management Division Stuart Yamada P.E. (phone 586-4304)
Indoor & Radiological Health Branch <i>Jeff Eckerd (phone 586-4700)</i>		Clean Water Branch <i>Alec Wong P.E. (phone 586-4309)</i>
Sanitation (Food Safety & Vector Control) Branch <i>Peter Oshiro (phone 586-8000)</i>		Solid & Hazardous Waste Branch <i>Steven Chang P.E. (phone 586-4226)</i>
		Safe Drinking Water Branch <i>Joanna Seto P.E. (phone 586-4258)</i>
		Clean Air Branch <i>Nolan Hirai P.E. (phone 586-4200)</i>
Hazard Evaluation & Emergency Response Office Dr. Keith Kawaoka (phone 586-4249)	---	Wastewater Branch <i>Sina Pruder P.E. (phone 586-4294)</i>
Environmental Resources Office Nancy Bartter (phone 586-4575)		
	---- ----	Environmental Planning Office Laura McIntyre AICP (phone 586-4337)
Environmental Information Manager Andy Matsumoto (phone 586-4641)		
	---- ----	Compliance Assistance Office Genevieve Salmonson (phone 586 4528)
State Laboratories Division Dr. Christian A. Whelen (phone 453-6650) Environmental Health Analytical Services Branch <i>Wanda Chang (phone 453-6683)</i> Medical Microbiology Branch <i>Gail Kunimoto (phone 453-6711)</i> Laboratory Emergency Response Program <i>Rebecca Sciulli (phone 453-5993)</i>		



State Laboratories Division

- On Oahu, Maui, Hawaii and Kauai

State Laboratories Division	
	Chris Whelen (phone 453-6650)
Environmental Health Analytical Services Branch	
	Wanda Chang (phone 453-6683)
Medical Microbiology Branch	
	Gail Kunimoto (phone 453-6711)
Bioterrorism PHEP Microbiology	
	Rebecca Sciulli (phone 453-5993)



State Laboratories Division

- Ocean and Stream Water Quality Testing
 - On Oahu, Kauai, Maui, Hawaii (Big Island)
- Drinking Water Quality Testing
 - On Oahu, Kauai, Maui, Hawaii (Big Island)
- Number of Air Samples (tests) performed
- Other testing – as needed
 - Molasses



Environmental Health Services

- Indoor & Radiological Health
 - Community Noise, A/C Ventilation, Asbestos, Lead, & Indoor Air Quality Programs
 - Radiation Control Program
- Sanitation
- Food & Drug – New Restaurant inspection system
 - + cosmetics & medical devices safety (including Tattoo)
 - Sanitation
 - Vector
 - Prevention of dengue and yellow fever, plague, etc.

Indoor & Radiological Health

- Increased shoreline and marine debris radiation testing
- Trained NOAA staff
- Trained Kauai volunteers



Sanitation -Food & Drug, Vector

- Activities

Type	2011-12
Food Establishment (renewals)	4,800
Food Establishment (new)	658
Temporary Food Permits	3,254
Building Plan reviews (Restaurants etc.)	563

- Controlling mosquitos
- Re-establishing the shellfish industry



Hazard Evaluation & Emergency Response

- TRI

Toxic Release Inventory (TRI, in pounds, 2011)				
Calendar Year	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases	Total Production-related Waste Managed
2011	2,382,866	214,203	2,597,069	3,281,829

- Oil & Chemical Releases

Calendar Year	Oil Releases to Land	Oil Releases to Water	Total Oil Releases	Chemical Releases to Water	Chemical Releases to Land	Total Chemical Releases	Total Oil & Chemical Releases
2011	185	72	257	63	51	114	371

- Site Cleanups

- Kilauea, Kauai – soil clean up



Environmental Planning Office

- Strategic Planning
 - Environmental Health Management Report (2011-13)
- Land use document reviews
 - Environmental Assessments & EIS – 213+ in 2013
- Environmental Geographic Information System (eGIS)
- Environmental Justice Projects
 - Japan Tsunami Marine Debris Grants (NOAA & DLNR)
- State Legislative Coordination for EHA
- Sustainability – Aloha+ Challenge – 6 targets



Environmental Information Manager

- Hawaii Environmental Health Portal
- <https://eha-cloud.doh.hawaii.gov/portal#/systems/list>
 - e-Permitting Portal
 - Environmental Health Warehouse
 - Groundwater Contamination View
 - Hawaii Emergency Response Exchange
 - Hawaii State and Local Emissions Inventory System
 - Water Pollution Control Viewer
 - Water Quality Data
 - Water Quality Warnings, Advisories and Postings



Environmental Management Division

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Clean Water Branch

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Solid & Hazardous Waste Branch

Steven Chang P.E. (phone 586-4226)

Safe Drinking Water Branch

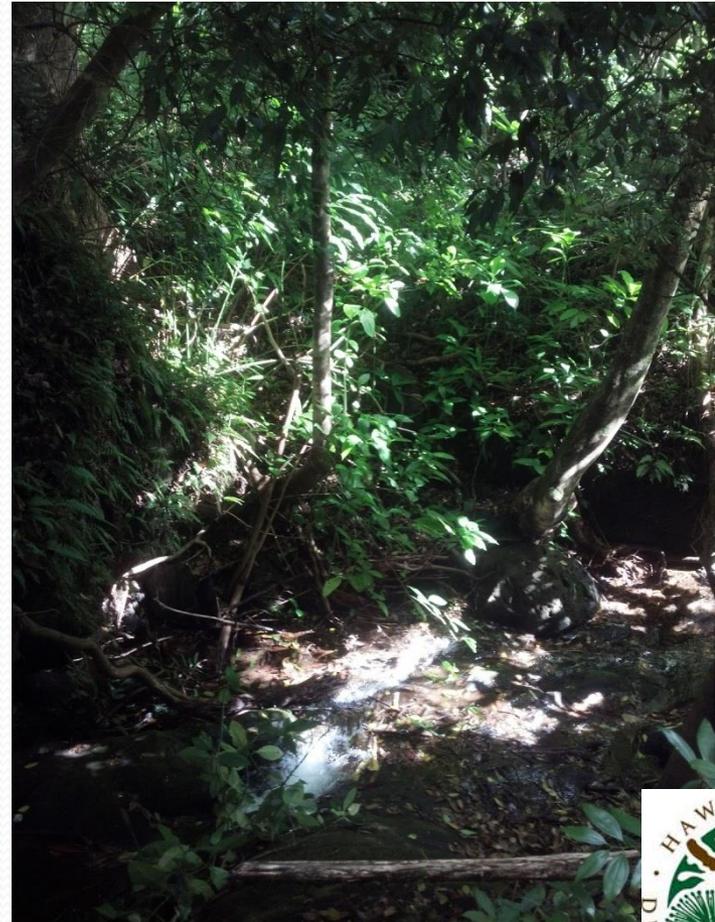
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Wastewater Branch

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Clean Air Branch

Established rules to restrict open burning on all islands

Greenhouse Gas rules – to address climate change

Goal: get emissions below 1990 levels by 2020

Volcanic emissions (track NAAQS)

Monitor at 6 locations (1 hr and 24 hr exceedences)

Ambient levels of air-borne particulates - low

HI: Below EPA national standard (HI 4.7 PM_{2.5}*)

Ambient levels of Sulfur Dioxide (SO₂) in Honolulu – low

Ambient levels of Carbon Monoxide (CO) in Honolulu –
decreasing 1.4ppm



Solid & Hazardous Waste Branch

- Recycling
- Deposit Beverage Container (DBC) redemption
- Underground Storage Tanks (UST's)
- Leaking Underground Storage Tanks (LUST's)
- Permitting, inspections and enforcement



Clean Water Branch (CWB)

Statewide coastal and inland water surveillance and watershed-based environmental management

- Permit issuance – pesticide permit
- Monitoring (ocean and stream samples)
- Enforcement
- Funding of watershed projects



Polluted Runoff Control (PRC)

- Within the Clean Water Branch
- Ten ongoing projects –
 - BMP's, Watershed Based Plans (WBP's)
- End of Fiscal Year 2013 Report is available
- Assisting DBEDT OP CZM with the establishment of a NERRS site - Heeia



Safe Drinking Water Branch

- Safeguard and protect drinking water sources (surface and groundwater) from contamination
 - Engineering
 - Enforcement
 - Monitoring
 - Underground Injection Control (UIC)
 - Groundwater protection –
 - updating State Water Quality Plan



Wastewater Branch (WWB)

- Review and approve all new wastewater systems
- Monitor all existing wastewater systems
- Implementation of the planning, design and construction of several major wastewater treatment works projects
- Loan agreements
- Encourage water reuse
- Updating water reuse guidelines



EHA Enforcement – CY13

	<i>Complaints</i>	<i>Field Inspections</i>	<i>Warning Notices</i>	Field Citations	Enforcement Cases Issued	Penalties Sought	Formal Cases Resolved	Funds Received
	<i>Informal</i>	<i>Informal</i>	<i>Informal</i>	CY13	CY13	CY13	CY13	CY13
Clean Air Branch	1,240	1,759	116	5	16	55,500	15	169,700
Solid & Hazardous Waste Branch	3,345	819	159	23	12	422,990	326	464,050
Clean Water Branch	250	109	15	1	1	50,586	0	200,000
Wastewater Branch	168	362	47	41	3	22,500	2	11,850
Safe Drinking Water Branch	1,097	23	17	0	0	0	0	0
Hazard Evaluation & Emergency Response	7	12	38	2	0	0	0	0
Indoor & Radiological Health Branch	656	769	109	2	7	50,000	5	28,633
Sanitation Branch	3,875	14,321	73	11,966	2	90,000	0	1,000,000
Environmental Health	10,638	18,174	574	12,040	41	691,576	348	1,874,233



University of Hawaii – Sea Grant

- Dolan Eversole –
 - NOAA Sea Grant Coastal Storms Program
 - Pacific Region Coordinator
 - UH School of Ocean and Earth Science and Technology
 - <http://seagrant.soest.hawaii.edu>
- Sea Level Rise

Mahalo (Thank you)

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 - 919 Ala Moana Blvd, Room 312, Honolulu, Hawaii 96814
 - <http://health.hawaii.gov/epo/>

